

Programme Regulations 2023/24 - Candidates commencing study in 2023 and later.

Programme Titles:

Degree of Bachelor of Engineering with Honours in Marine Engineering - UCAS Code: H506 (with Foundation Year J618)

Degree of Bachelor of Engineering with Honours in Marine Engineering Science – Code 1681U

Degree of Bachelor of Engineering with Honours in Marine Engineering with Placement Year - Code: 1673U

Degree of Bachelor of Engineering with Honours in Marine Engineering Science with Placement Year - Code: 1833U

Degree of Bachelor of Engineering with Honours in Naval Architecture - UCAS Codes: H508 (with Foundation Year J618)

Degree of Bachelor of Engineering with Honours in Naval Architecture Science - Code: 1682U

Degree of Bachelor of Engineering with Honours in Naval Architecture with Placement Year - Code: 1675U

Degree of Bachelor of Engineering with Honours in Naval Architecture Science with Placement Year – Code: 1834U

Degree of Bachelor of Engineering with Honours in Naval Architecture with specialism in Offshore Engineering - Code: 1677U

Degree of Bachelor of Engineering with Honours in Naval Architecture with specialism in Offshore Engineering Science - Code: 1683U

Degree of Bachelor of Engineering with Honours in Naval Architecture with specialisms in Offshore Engineering with Placement Year – Code 1835U

Degree of Bachelor of Engineering with Honours in Naval Architecture Science with specialism in Offshore Engineering with Placement Year - Code: 1836U

Degree of Bachelor of Engineering with Honours in Naval Architecture Science with specialism in Small Craft Technology - Code: 1684U

Degree of Bachelor of Engineering with Honours in Naval Architecture with specialisms in Small Craft Technology - Code: 1679U

Degree of Bachelor of Engineering with Honours in Naval Architecture with specialisms in Small Craft Technology with Placement Year – Code: 1837U

Degree of Bachelor of Engineering with Honours in Naval Architecture Science with specialism in Small Craft Technology with Placement Year - Code: 1838U

Notes

- (i) These programme regulations should be read in conjunction with the University's Taught Programme Regulations and Examination Conventions.*
- (ii) A compulsory module is a module which a student is required to study.*
- (iii) A core module is a module which a student must pass, and in which a fail mark may neither be carried nor compensated; such modules are designated by the board of studies as essential for progression to a further stage of the programme or for study in a further module.*
- (iv) All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*
- (v) Programmes coded 1649U and 1650U are non-accredited Honours degree titles and are awarded when a candidate only meets the requirements of the University's Taught Programme Regulations and Examination Conventions.*

See also:

Stage 0 (Foundation Year) for all Degrees of Bachelor of Engineering with Honours and Master of Engineering with Honours

1. Stage 0

Candidates who do not meet the requirements for entry into Stage 1 may with approval of the Degree Programme Director commence this degree programme at Stage 0 and shall proceed under the regulations relating to Stage 0.

2. Stage 1

(a) Unless otherwise stated modules are not core.

(b) All candidates shall take the following compulsory modules:

| <i>Code</i> | <i>Descriptive Title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Level</i> | <i>Type</i> |
|-------------|---|----------------------|----------------------|----------------------|--------------|-------------|
| ENG1001 | Engineering Mathematics I | 20 | 10 | 10 | 4 | Core |
| ENG1003 | Electrical and Magnetic Systems | 15 | 10 | 5 | 4 | |
| ENG1004 | Electronics and Sensors | 10 | | 10 | 4 | |
| ENG1005 | Thermofluid Mechanics | 15 | 5 | 10 | 4 | |
| ENG1006 | Properties and Behaviour of Engineering Materials | 15 | 15 | | 4 | |
| ENG1007 | Mechanics I | 15 | 5 | 10 | 4 | |
| MAR1016 | Marine Design and Professional Skills | 30 | 10 | 20 | 4 | |

3. Stage 2

All candidates shall take the following compulsory modules:

| <i>Code</i> | <i>Descriptive Title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Level</i> | <i>Type</i> |
|-------------|------------------------------------|----------------------|----------------------|----------------------|--------------|-------------|
| ENG2011 | Engineering Mathematics II | 10 | 10 | | 5 | |
| ENG2029 | AC Electrical Power and Conversion | 10 | | 10 | 5 | |
| ENG2032 | Business and Law for Engineers | 10 | 5 | 5 | 5 | |
| MAR2017 | Further Naval Architecture | 20 | 20 | | 5 | |
| MAR2018 | Marine Engineering II | 20 | 10 | 10 | 5 | |
| MAR2019 | Ship Hydrodynamics | 20 | | 20 | 5 | |
| MAR2020 | Applications of Engineering II | 10 | | 10 | 5 | |
| MAR2021 | Marine Structures I | 20 | 10 | 10 | 5 | |

4. Year 3 (Placement Year) (1673U / 1675U / 1835U – Naval Architecture with specialism in Offshore Engineering with Placement Year / 1837U – Naval Architecture with specialism in Small Craft Technology with Placement Year Only)

On completion of Stage 2 and before entering Stage 3, candidates may as part of their studies for the degree spend a year in a placement with an approved organisation. Permission to undertake a placement is subject to the approval of the Degree Programme Director. Students who are required to re-sit their Stage 2 assessment must delay the start of their placement until they have done so. Students who fail Stage 2 may not complete a placement year.

| <i>Code</i> | <i>Descriptive title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Level</i> | <i>Type</i> |
|-------------|--------------------------------------|----------------------|----------------------|----------------------|--------------|-------------|
| NCL3000 | Career Service Placement Year Module | 120 | 60 | 60 | 6 | |

5. Stage 3

(a) All candidates shall take the following compulsory modules:

| <i>Code</i> | <i>Descriptive Title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Level</i> | <i>Type</i> |
|-------------|------------------------------|----------------------|----------------------|----------------------|--------------|-------------|
| MAR3021 | Marine Transport Business | 10 | 10 | | 6 | |
| MAR3027 | Future Marine Projects | 10 | 5 | 5 | 6 | |
| MAR3047 | Marine Production Management | 10 | | 10 | 6 | |

(b) All candidates shall follow one of the streams (i) to (iv) below, for which they are registered, subject to the approval of the Degree Programme Director. The Degree Programme Director may substitute up to 20 credits of other approved modules subject to satisfying timetabling or other constraints:

(i) BEng with Honours in Marine Engineering (H506/1673U)

All candidates shall take the following compulsory modules:

| <i>Code</i> | <i>Descriptive Title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Level</i> | <i>Type</i> |
|-------------|--|----------------------|----------------------|----------------------|--------------|-------------|
| MAR3033 | Marine Engineering Design | 20 | 10 | 10 | 6 | |
| MAR3037 | Marine Engineering III | 20 | 20 | | 6 | |
| MAR3038 | Dynamic Modelling and Simulation | 10 | 10 | | 6 | |
| MAR3043 | Project and Report in Marine Engineering | 40 | 15 | 25 | 6 | |

(ii) BEng with Honours in Naval Architecture (H508/1675U)

All candidates shall take the following compulsory modules:

| <i>Code</i> | <i>Descriptive Title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Level</i> | <i>Type</i> |
|-------------|--|----------------------|----------------------|----------------------|--------------|-------------|
| MAR3034 | Ship Design | 20 | 10 | 10 | 6 | |
| MAR3039 | Marine Structures II | 10 | 10 | | 6 | |
| MAR3040 | Further Ship Hydrodynamics | 20 | 20 | | 6 | |
| MAR3044 | Project and Report in Naval Architecture | 40 | 15 | 25 | 6 | |

(iii) BEng with Honours in Naval Architecture with Specialism in Offshore Engineering (1677U/1835U)

All candidates shall take the following compulsory modules:

| <i>Code</i> | <i>Descriptive Title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Level</i> | <i>Type</i> |
|-------------|--|----------------------|----------------------|----------------------|--------------|-------------|
| MAR3035 | Offshore Design | 20 | 10 | 10 | 6 | |
| MAR3039 | Marine Structures II | 10 | 10 | | 6 | |
| MAR3041 | Offshore Engineering | 20 | 10 | 10 | 6 | |
| MAR3045 | Project and Report in Offshore Engineering | 40 | 15 | 25 | 6 | |

(iv) BEng with Honours in Naval Architecture with Specialism in Small Craft Technology (1679U/1837U)

All candidates shall take the following compulsory modules:

| <i>Code</i> | <i>Descriptive Title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Level</i> | <i>Type</i> |
|-------------|--------------------------|----------------------|----------------------|----------------------|--------------|-------------|
| MAR3036 | Small Craft Design | 20 | 10 | 10 | 6 | |
| MAR3039 | Marine Structures II | 10 | 10 | | 6 | |

| | | | | | | |
|---------|--|----|----|----|---|--|
| MAR3040 | Further Ship Hydrodynamics | 20 | 20 | | 6 | |
| MAR3046 | Project and Report in Small Craft Technology | 40 | 15 | 25 | 6 | |

6. Assessment methods

Details of the assessment pattern for each module are explained in the module outline.

7. Compensation and Condonement

For students entering the programme in 2021/22 onwards, the Engineering Council's policy on compensation and condonement will apply to marks awarded for modules at all stages, to satisfy accreditation requirements. To be awarded an accredited honours degree, only a maximum of 30 credits can be compensated over the duration of the degree programme, where the final mark is up to 5 percentage points below the pass mark. Core modules cannot be compensated. Individual projects and group projects worth more than 20 credits cannot be compensated. There is no condonement of modules delivering Accreditation of Higher Education Programmes (AHEP) learning outcomes.

Any student not satisfying the accreditation requirements, but satisfying University's Degree and Assessment regulations, will have the opportunity to be awarded a non-accredited honours degree with its classification based on the overall final stage averages beyond stage one.

8. Degree classification

Candidates will be assessed for degree classification on the basis of all the modules taken at Stage 2 and 3 with the weighting of the stages being 1:3 for Stage 2 and Stage 3 respectively.